CLAIMS

What is claimed is:

1   1.   A method for user agent operation, comprising:

2   (a)   accessing a network site utilizing a network;

3   (b)   simulating user interaction for navigating the network site based on client

4   specifications;

5   (c)   retrieving a web page from the site;

6   (d)   assigning identifiers to elements of the web page;

7   (e)   rendering the web page for further processing;

8   (f)   rendering dynamic content of the web page; and

9   (g)   returning the rendered web page to the client in a markup language.

1   2.   The method as recited in claim 1, further comprising navigating from the web

2   page.

1   3.   The method as recited in claim 2, wherein navigating from the web page

2   includes at least one of selecting links on a web page, submitting forms, and

3   firing scripting events.

1   4.   The method as recited in claim 1, wherein the client is informed of changed

2   frames.

1   5.   The method as recited in claim 1, wherein specified frames are sent to the client.

1   6.   The method as recited in claim 1, wherein a network interface is provided.

1   7.   The method as recited in claim 1, wherein a Component Object Model (COM)
2   interface is provided.

1   8.   The method as recited in claim 1, wherein the rendered content is output to a
2   wireless user device.

1   9.   A computer program product for user agent operation, comprising:
2   (a)   computer code for accessing a network site utilizing a network;
3   (b)   computer code for simulating user interaction for navigating the network site
4   based on client specifications;
5   (c)   computer code for retrieving a web page from the site;
6   (d)   computer code for assigning identifiers to elements of the web page;
7   (e)   computer code for rendering the web page for further processing;
8   (f)   computer code for rendering dynamic content of the web page; and
9   (g)   computer code for returning the rendered web page to the client in a markup
10   language.

1   10.   A system for user agent operation, comprising:
2   (a)   logic for accessing a network site utilizing a network;
3   (b)   logic for simulating user interaction for navigating the network site based on
4   client specifications;
5   (c)   logic for retrieving a web page from the site;
6   (d)   logic for assigning identifiers to elements of the web page;
7   (e)   logic for rendering the web page for further processing;
8   (f)   logic for rendering dynamic content of the web page; and
9   (g)   logic for returning the rendered web page to the client in a markup language.

1   11.   A method for user agent operation, comprising:

2   (a)   accessing a network site utilizing a network;

3   (b)   simulating user interaction for navigating the network site based on client

4   specifications;

5   (c)   retrieving a web page from the site;

6   (d)   assigning identifiers to elements of the web page;

7   (e)   rendering the web page for further processing;

8   (f)   rendering dynamic content of the web page; and

9   (g)   returning the rendered web page to the client in a markup language;

10   (h)   wherein the client performs further processing.

1   12.   The method as recited in claim 11, further comprising navigating from the web

2   page.

1   13.   The method as recited in claim 12, wherein navigating from the web page

2   includes at least one of selecting links on a web page, submitting forms, and

3   firing scripting events.

1   14.   The method as recited in claim 11, wherein the client is informed of changed

2   frames.

1   15.   The method as recited in claim 11, wherein specified frames are sent to the

2   client.

1   16.   The method as recited in claim 11, wherein a network interface is provided.

1   17.   The method as recited in claim 11, wherein a Component Object Model (COM)

2   interface is provided.

1   18.   The method as recited in claim 11, wherein the rendered content is output to a

2   wireless user device.

1   19.   The method as recited in claim 11, wherein the further processing includes

2   repeating acts (b)-(g).

1   20.   A computer program product for user agent operation, comprising:

2   (a)   computer code for accessing a network site utilizing a network;

3   (b)   computer code for simulating user interaction for navigating the network site

4   based on client specifications;

5   (c)   computer code for retrieving a web page from the site;

6   (d)   computer code for assigning identifiers to elements of the web page;

7   (e)   computer code for rendering the web page for further processing;

8   (f)   computer code for rendering dynamic content of the web page; and

9   (g)   computer code for returning the rendered web page to the client in a markup

10   language;

11   (h)   wherein the client performs further processing.

1   21.   A system for user agent operation, comprising:

2   (a)   logic for accessing a network site utilizing a network;

3   (b)   logic for simulating user interaction for navigating the network site based on

4   client specifications;

5   (c)   logic for retrieving a web page from the site;

6   (d)   logic for assigning identifiers to elements of the web page;

7   (e)   logic for rendering the web page for further processing;

8   (f)   logic for rendering dynamic content of the web page; and

9   (g)   logic for returning the rendered web page to the client in a markup language;

10   (h)   wherein the client performs further processing.

CLIC1P020

1   22.   A method for user agent operation, comprising:

2   (a)   accessing a network site utilizing a network;

3   (b)   simulating user interaction for navigating the network site based on client

4   specifications;

5   (c)   retrieving a web page from the site;

6   (d)   assigning identifiers to elements of the web page;

7   (e)   rendering the web page for further processing;

8   (f)   rendering dynamic content of the web page;

9   (g)   returning the rendered web page to the client in a markup language;

10   (h)   wherein specified frames of the web page are sent to the client; and

11   (i)   navigating from the web page;

12   (j)   wherein navigating from the web page includes at least one of selecting links on

13   a web page, submitting forms, and firing scripting events;

14   (k)   wherein the client performs further processing;

15   (l)   wherein the client is informed of changed frames;

16   (m)   wherein the rendered content is output to a wireless user device.

1   23.   The method as recited in claim 22, further comprising repeating acts (b)-(g).

CLIC1P020